

INDEX TO VOLUME 31

ARTICLES	Number	Page
Automation Paradox	1	18
Martin I. Levitan, Engr. '68		
Blackout in the Northeast	2	32
Professor Simpson Linke		
Building a Helicopter Stability Control System	1	7
Sean J. O'Connor, EE '65		
Civil Engineering 2704: A Course in Structural Design	4	16
Ramon Rosati, Engr. '69		
Clark Hall: A Problem in Design	3	18
John B. Rogers, Manager of Operations		
Clark Hall: A Scientific Community ...	3	10
Donald F. Holcomb		
The College Program: Specialization in the Engineering School	6	22
James Chiafery, Engr. '69		
Concrete Testing at Cornell	4	21
Mel Cutler, Engr. '69		
Cornell's 10 GeV Electron Synchrotron ..	2	11
Leslie M. Golden, EP '65		
Earthquake Engineering	6	24
Benjamin I. Bachrach, Engr. '69		
Education and the Future	2	35
Richard T. Stovel, ME '65		
English to Metric: A Study of the Problems of Conversion	6	41
Richard Kauders, Engr. '69		
A Fantasy of Eight Lands	1	15
Leslie M. Golden, EP '65		
Measuring the Surface Roughness of Paper	1	13
William Aylesworth, EE '65		
Medical Applications of Lasers	6	13
Nancy L. Nearing, Engr. '69		

AUTHORS	Number	Page
Aylesworth, William	1	13
Bacharach, Stephan	7	37
Bachrach, Benjamin I.	6	24
Bales, Howard	4	33
	7	10
Chiafery, James	6	22
Condit, William C.	7	42
Cutler, Mel	4	21
Golden, Leslie M.	1	15
	2	11
Hauer, Allan	3	27
Hemphill, T. M.	4	26
Holcomb, Donald F.	3	10

ARTICLES	Number	Page
New Business Role for the Engineer: the MBA	2	18
Robert W. Shively		
Probing the Ionosphere: Arecibo	4	33
Howard Bales, Engr. '68		
A Qualitative Hypothesis to Explain Entrainment of Air in Concrete ..	4	11
Professor Floyd O. Slate		
Reflection and Perspective—The Alumni ..	7	24
The Role of the Agricultural Engineer in our Society	4	39
Francis G. Kostrub, Agr.E '65		
A Short History: The Graduate School of Aerospace Engineering ..	7	10
Howard Bales, Engr. '68		
A Short History: Cornell's Department of Engineering Physics	7	15
Solid-State Versus Tubes in Stereo Equipment	6	31
Milton T. Jay, Engr. '69		
Universities Tackle the Information Explosion	3	27
Allan Hauer, EE '67		
Up-Dating Kepler's Planetary Orbit Equations	4	26
T. M. Hemphill, ME '30		
Viewpoint—An Engineering Physics Student, I	7	37
Stephan Bacharach, B.S. '65		
Viewpoint—An Engineering Physics Student, II	7	38
Jill C. Tarter, B.S. '65		
Viewpoint—An Aerospace Engineering Student	7	42
William C. Condit, Jr., B.E.P. '63		

AUTHORS	Number	Page
Jay, Milton T.	6	31
Kauders, Richard	6	41
Kostrub, Francis G.	4	39
Levitan, Martin I.	1	18
Linke, Professor Simpson	2	32
Nearing, Nancy L.	6	13
O'Connor, Sean J.	1	7
Rogers, John B.	3	18
Rosati, Ramon	4	16
Shively, Robert W.	2	18
Slate, Professor Floyd O.	4	11
Stovel, Richard T.	2	35
Tarter, Jill C.	7	38